

HARVANEK, Josef, doc. inz. dr.

Sixty-fifth birthday of Academician Karol Havelska. Izv  
starby 13 no.1:38 Ja '65.

HARVANEK, Jozef, doc. inz. dr.

"Science of steel concrete constructions" by [Dr. Ing.] Gotthard  
Franz. Pt.1. Reviewed by Jozef Harvaneck. Inz stavby 13 no.3:  
136 Mr '65.

HARVANCIK, Jozef, doc. inz. dr.

"Girders on elastic bases" by G. Orlov, H. Saxenhofer. Reviewed  
by Jozef Harvancik. Inz stavby 12 no.9:419 S '64.

HARVANGIK, J.; TURBUNOV, G.

Technology of the tentative production of large prestressed panels of the  
"BA" type for a prefabricated apartment house in Bratislava. p. 7.

Vol. 4, no. 1, Jan. 1956

POZEMNI STAVEBY

Praha, Czechoslovakia

Source: East European Accession List. Library of Congress  
Vol. 5, No. 8, August 1956

Z/059/62/000/002/008/009  
D236/D308

AUTHOR: Harváněk, Václav

TITLE: A bridge with a multiple potentiometer and its use in strain-gage apparatus

PERIODICAL: Zpravodaj VZLÚ, no. 2, 1962, 57-60

TEXT: The author describes a resistance bridge in which the sliding contacts and switches are connected into the bridge diagonal so as to eliminate the effect of their transient resistances on the measurements. Two alternative designs are given. A method of measurement with four pickups is described and a relation for the conversion of readings is derived. There are 11 figures.

Card 1/1

HARVATH, Aurel, okl.kohomernok

New experiences for processing carbonated, silicate manganese  
ores at Urkut. Koh lap 95 no.3 Supplement:Ontode 13 no.3:139-  
141 Mr '62.

1. Dunai Vasmu.

HARVATH, Z.

Computation of the economical current density which secures the lowest specific power consumption in zinc electrolysis. Pt. 2. p. 245.

KOHASZATI LAPOK. (Magyar Panyaszati es Kohaszati Egyesulet) Budapest, Hungary  
Vol. 14, no. 6, June 1959.

Monthly list of East European Accessions (EMAI), IC, Vol. 8, No. 8,  
August 1959.  
Uncla.

Harvóth Antal

HUNGARY/Solid State Physics - Structure of Deformed Materials

E-9

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6029

Author : Millner Tivadar, Prohaszka Janos, Harvóth Antal

Inst : Not Given

Title : Influence of Small Impurities on Secondary Recrystallization  
of Tungsten Wire.

Orig Pub : Magyar tud. akad. Musz. tud. oszt. kozl., 1957, 21, No 1-4,  
349-361

Abstract : No abstract

Card : 1/1



HARY, Bela

Role of trade unions : strengthening the people's front movement. Munka  
8 no.7:1-2 J1 '58.

1. Szakszervezetek Orszagos Tanacsa Szervezesi Osztalya vezetoje: "Munka"  
szerkeszto bizottsagi tagja.

HARI, Bela

Control of realization. Munka 5 no.7:18-22 J1 '55.

1. Szakszervezetek Országos Tanácsa Szervezési és Instruktóri Osztálya  
vezetője.

HARI, Bela; SOMOSKOI, Gabor; SOMOGYI, Miklos; POLYAK, Janos; HALASZ, Jozsef;  
DONATH, Bela

Excerpts from remarks made at the 7th plenary session of the  
National Council of Trade Unions. Munka 10 no.3:8 Mr '60.

1. Veszprem megyei Szakszervezeti Megyei Tanacs elnoke (for Hari)
2. Egitok Szakszervezetének fotitkara (for Somoskoi) 3. Magyar Szocialista Munkaspart Politikai Bizottsaganak tagja, a Szakszervezetek Orszagos Tanacsa elnoke (for Somogyi) 4. Vasas Szakszervezet titkara es "Munka" szerkesztobizottsaganak tagja (for Polyak) 5. MEDOSZ fotitkara (for Halasz) 6. Szakszervezetek Orszagos Tanacsa munkavedelmi osztalyanak vezetoje (for Donath).

HARY, M., dr.; GRIVU, O., dr.

Considerations on dental impaction. Stomatologia (Bucur) 12  
no.1:49-53 Ja-F'65.

1. Lucrare efectuata in Clinica de chirurgie maxilo-faciala  
a I.M., Timisoara (Seful clinicii: prof. N. Dutescu).

H 45, M.

GOTTSGOEN, G.; HORN, Z.; HARY, M.

Vitamin K-tolerance test in hepatitis. Orv.hetil. 91 no.35:1049-  
-1051 27 Aug 50. (CIAM 20:5)

1. Of the First Internal Diseases Department (Head Physician--  
Prof. Dr.Gyorgy Gottsegen) and the Laboratory (Head Physician--  
Professor Dr. Zoltan Horn), Anna Koltai Hospital.

HUNGARY

KOVER, Gyorgy, HARZA, Tibor, PUSZKAI, Gabriella; Medical University of Budapest, Institute of Physiology (Budapesti Orvostudományi Egyetem, Élettani Intézet).

"Renal Function in the Rat During Obstruction of the Ureter."

Budapest, Kiserletes Orvostudomány, Vol XVIII, No 5, Oct 66, pages 531-535.

Abstract: [Authors' Hungarian summary] 1) The extent of GFR was studied in the rat during ureteral obstruction in the presence of various degrees of hydration. 2) It was found that non-hydrated (control) animals had a GFR value of 0.131 ml/min; in physiological salt diuresis, the GFR value was 0.129 ml/min and in water diuresis it was 0.106 ml/min. 3) In osmotic diuresis produced with Mannit, the GFR value in the kidney with obstructed ureter drops to 7-8 per cent of the normal value (0.0237 ml/min). 4) The mechanisms are discussed which may insure glomerular filtration during ureteral obstruction. 5) A simple method is described which is suited for the study of glomerular filtration during ureteral obstruction and the nature of the necessary calculations is also presented. 3 Hungarian, 12 Western references. [Manuscript received 17 Nov 65.]

1/1

HUNGARY

HARSTING, Laszlo, candidate of medical sciences, BARTHA, Jeno, HARZA, Tibor, PELLEY, Klara; Medical University of Budapest, Institute of Physiology (Budapesti Orvostudományi Egyetem, Elettani Intézet).

"Determination of the Amount of Renal Blood Flow and its Intrarenal Distribution on the Basis of  $^{86}\text{Rb}$  Accumulation."

Budapest, A Magyar Tudományos Akadémia V. Orvosi Tudományok Osztályának Közleményei, Vol XVII, No 2-3, 1966, pages 303-315.

Abstract: [Authors' Hungarian summary modified] Sapirstein's Rb method was used for the study. In osmotic diuresis, the mean value of renal blood flow was 368 ml/min/100 g which is in good agreement with values of the simultaneously performed direct measurements. The mean cortical blood flow was 430, the outer medullar flow was 344, the inner medullar flow was 151 ml/min/100 g. The intrarenal distribution of blood flow was calculated as: cortex 275 (75.5), outer medulla 74 (20.1), inner medulla 16 mg/min/100 g kidney (4.4 per cent). In hydropenia, the mean RBF was 354; cortex 476, outer medulla 135, inner medulla 66 ml/min/100 g. The intrarenal distribution was: cortex 305 (89.3), outer medulla 29 (8.6), inner medulla 7 ml/min/100 g kidney (2.1 per cent). In hydremia, the mean RBF was 675; cortex 812, outer medulla 457, inner medulla 169 ml/min/100 g. The intrarenal distribution was: cortex 520 (81.8), outer medulla 98 (15.4), inner medulla 18 ml/min/100 g kidney (2.8 per cent). The results indicate that, under the conditions studied, the

1/2

HUNGARY

HARZA, Tibor, MALYUSZ, Miklos, SZOCS, Eva; Medical University of Budapest, Institute of Physiology (Budapesti Orvostudományi Egyetem, Elettani Intézet).

"Method for the Determination of Inulin Clearance in the Rat Without Urine Collection."

Budapest, Kiserletes Orvostudomány, Vol XIX, No 1, Jan 67, pages 55-60.

Abstract: [Authors' Hungarian summary modified] It was established that, after the simultaneous administration of inulin in a Periston solution i.p., and in a physiological saline solution i.v., a steady blood inulin level is maintained between 1/2-3 1/2 hours. The amount of fluid in the abdominal cavity can also be considered constant during the experiment. Consequently the amount of inulin excreted can be calculated from the amount which disappears from the abdominal cavity. The average inulin clearance of rats under Evipan and Urethan anesthesia was also compared and it was found to be  $0.560 \pm 0.145$  ml blood/min/100 g body weight and  $0.39 \pm 0.142$  ml blood/min/100 g body weight, respectively. 1 Hungarian, 6 Western references. [Manuscript received 22 Feb 66.]

1/1

GONDZIK, Wanda; HARZYŃKA, Wiesława

Histopathological studies on the dental pulp in normal subjects and in pulmonary tuberculosis patients. Roczn. Pom. akad. med. Swierczewski 10:319-324 '64.

1. Z Zakładu Stomatologii Zachowawczej Pomorskiej Akademii Medycznej (Kierownik po. o: dr med. dent. Maria Myslinska, Opiekun naukowy: prof. dr Janusz Krzywicki) i z Wojewódzkiej Przychodni Przeciwrzucicznej w Szczecinie (Dyrektor: dr med. M. Mokrzycki).



HAS, S.

Improving maintenance of electric machinery in agriculture. p. 73.  
ELEKTROTECHNIK. (Ministerstvo strojirentsvi) Praha. Vol. 11, no. 3, Mar. 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

HAS, S.

Power drives for agricultural machinery. p. 78. ELEKTROTECH'NY.  
(Ministerstvo strojirentavi) Praha. Vol. 11, no. 3, Mar. 1956.

SOURCE: East European Accessions List, Vol. 5, no. 9, September 1956

HAS, S

AGRICULTURE

PERIODICAL: VESTNIK, VOL. 6, no. 1, 1959

Has, S. Future electrification in agriculture. p. 47.

Monthly List of East European Accessions (EEAT), LC, Vol. 8, no. 5,  
May 1959, Unclass.

HAS, Stanislav, inz.

Industrialization of the agricultural production by automation.  
Zemedel tech 8 no.6:371-372 D '62.

1. Vyzkumny ustav zemedelske techniky, Ropy.

HAS, Stanislav, inz.

Automatic equipment for ultraviolet radiation of domestic animals. Zemedel tech 8 no.6:413-426 D '62.

1. Vyzkumny ustav zemedelske techniky, Rapy.

HAS, Stanislav, inz.

Systems of ultraviolet irradiation of farm animals. Zemedel  
tech 10 no. 3:177-196 Mr '64.

1. Research Institute of Agricultural Technology, Repry  
near Prague. Director of the Institue:inz. M. Preininger.

ANDERT, A., inz.; HAS, S., inz.

Role of power engineering in the development of agricultural technology. Zemedel tech 9 no.3:245-258 Je '63.

1. Vyzkumny ustav zemedelske techniky, Kepy u Prahy.

1-10, 2

Distr: 4E2c

5492

660.14.094.512:820.18

Wendorf Z. Haß Z. Sulphurization of Steel.

„Nastarczanie stali”. Przegląd Mechaniczny. No. 12, 1957, pp. 483-488, 12 figs.

Surface sulphurization of steel imparts to friction faces of machine parts excellent anti-abrasive properties, reduces the friction coefficient and the time of running-in, and protects against seizing. Tests were carried out with sulphurizing armco iron and 35, 85% and U9A steels in gaseous, liquid and solid media using hydrogen sulphide, salt baths and powdered iron sulphide. Metallographic examinations showed that the diffusion of sulphur in steel proceeds most easily along the boundaries of austenite grains and that diffusion through crystals is much slower. Higher temperatures are needed for introducing sulphur alone into steel surface than when it is introduced simultaneously with nitrogen. The thickness of the diffusion layer sulphurized without nitrogen is about 0.05 mm and in the case of previously nitrified surfaces somewhat greater.

8711

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PM

all



HAS, Zdzislaw, dr inz.

Lubricating properties of synthetically produced  $\text{MoS}_2$  and  $\text{WS}_2$ , as well as natural  $\text{MoS}_2$  and research on the influence of sulfate cyaniding of steel upon the friction coefficient. Przegl mech 22 no.4:123 25 F '63.

1. Katedra Metaloznawstwa i Obrobki Ciepłej,  
Politechnika, Łódź.

HAS, Zdzisław, dr inz.

"Low-friction lubricants in industry" by T. Petrys,  
R. Sniechowski. Reviewed by Zdzisław Has. Przegl  
mech 22 no.5:159 10 Mr '63.

HAS, Zdzislaw, dr inz., adiunkt

Cyanosulfuration of high-speed cutting steel. Przegl mech  
22 no. 13:411-414 10 J1 '63.

1. Katedra Metaloznawstwa i Obrobki Ciepłej, Politechnika,  
Lodz.

S/273/63/000/001/002/013  
A052/A126

AUTHOR: Hása, Jan

TITLE: A device for protecting the turbocharger turbine bearing

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, 39. Dvigateli vnutrennego sgoraniya, no. 1, 1963, 9 - 10, abstract 1.39.58 P (Czech. pat., cl. 27c, 6/03; 46a<sup>9</sup>, 24, no. 97588, December 15, 1960)

TEXT: The turbocharger consists of the central housing, in which a shaft rests on two antifriction bearings carrying on one end an overhanging centrifugal charger and on the other end an overhanging centripetal turbine. The turbine bearing is separated from the turbine disk by two partitions. The partition next to the bearing carries the labyrinth seal of the turbine shaft. The following partition serves as a housing wall on which the turbine disk borders. The cavity in the housing between the partitions is connected with the atmosphere. Compressed air supplied from the charger through a channel in the housing is blown through the first partition from outside. The quantity of the air blown through is controlled by the size of the ring gap between the turbine shaft and

Card 1/2

S/273/63/000/001/002/013

A device for protecting the turbocharger turbine .... A052/A126

the hole in the shield fixed to the outside of the partition. The air passing through this gap into the cavity of the housing as well as the gases entering this cavity through the seals between the second partition and the turbine disk are evacuated into the atmosphere. To reduce the heat emission from the turbine shaft to the bearing on the shaft, ring grooves are cut into the bearing site which reduce the contact surface of the bearing with the shaft.

A. Zhukov

[Abstracter's note: Complete translation]

Card 2/2

DUFEK, Vladimir; HASA, Jan; ZDENEK, Funk

Q-T wave in rheumatic fever. Cas.lek.cesk. 99 no.20/21:644-647  
20 My '60.

1. I vnitrni oddeleni UVN, nacelnik plk. C.Sc.doc. MUDr. Dufek  
Vladimir - II. vnitrni oddeleni UVN, nacelnik gen. MUDr.  
Smrcka Jiri.

(ELECTROCARDIOGRAPHY)  
(RHEUMATIC FEVER diag)

CZECHOSLOVAKIA

Col Jan HAUER, MD, CSc, and Lt Col Jan KASA, MD: Second Department of Internal Medicine, Central Military Hospital (II Interní oddělení UVM [Ústřední vojenská nemocnice.])

"Steroid and Spironolactone Therapy of Fluid Retention Syndromes."

Prague, Vojenské Zdravotnické Listy, Vol 31, No 3, Jun 62; pp 104-109.

Abstract [English summary modified]: Clinical data on 17 patients treated in 1959 with the newer steroid preparations, mercurial and thiazide diuretics and spironolactones (4 patients). Comprehensive details about diagnosis, clinical course and response patterns. One case report, 2 graphs, 1 table; 5 Czech and 52 Western references.

PROKSAN, Frantisek; SMRCKA, Jiri; HASA, Jan

A contribution to diagnosis and treatment of inflammation of the pericardium, especially the constrictive type. Cas. Lek. Cesk. 101 no.6:174-179 9 F '62.

1. II vnitřní oddělení Ústřední vojenské nemocnice - Zdravotnická správa ministerstva vnitra, Praha.

(PERICARDITIS)



HASA, J.

3

CZECHOSLOVAKIA

SULC, J; NOVAK, B; DRANOZAL, H; HASA, J.

1. Nerve Ward of UVN (Nervovni oddeleni), Prague; 2. Second  
Internal Medicine Ward UVN (II vnitřni oddeleni UVN),  
Prague

~~Prague~~  
~~Brno~~, Vnitřní lékařství, No 7, 1963, pp 677-681

"The Follow-up Study of ECG in Trauma of the Skull."

CZECHOSLOVAKIA

J. HASA and J. JANACEK, Second Internal Medicine Department of Central Army Hospital (II. interní oddělení ústřední vojenské nemocnice,) Head (prednosta) Jiri SAMSKA, MD; Prague.

"Electrocardiographic Changes During Treatment with Anti-Inflammatory Corticosteroids."

Prav. 1, Casopis Lekaru Ceskych, Vol 102, No 2, 11 Jan 63; pp 31-36.

Abstract [English summary modified]: Steroid electrolyte cardiopathy with characteristic EKG changes was seen in 21 patients out of 115 treated with anti-inflammatory steroids. In 7, the EKG changes could be normalized by administering additional K or MgSO<sub>4</sub> or by eliminating Na from diet or by all 3 these measures. In 5, the changes disappeared only after treatment was discontinued or the dose reduced. Seven EKGs, 2 Czech and 6 Western references.

1/1

CZECHOSLOVAKIA

JANACEK, J; HASA, J

Institute of Macromolecular Chemistry, Czechoslovak Academy of Sciences, Prague - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 5, May 1966, pp 2186-2201

"Structure and properties of hydrophilic polymers and their gels. Part 6: Equilibrium deformation behavior of polyethyleneglycol methacrylate and polydiethyleneglycol methacrylate networks prepared in the presence of a diluent and swollen with water."

HASA, M.

How to make electric cables, p. 25, TEKNIKA, (Ministria Industri-  
Miniera dhe Ndertim-Komunikacion) Tirane, Vol. 3, No. 2, Mar./Apr. 1956

SOURCE: East European Accessions List, (EEAL) Library of Congress,  
Vol. 51, No. 12, December 1956

OMEROVIC, H.; TOMIC, S.; HASANBEGOVIC, Dz.

Two cases of primary multiple malignant tumors. Med. arh. 19  
no.1:47-54 Ja-F '65

1. Otorinolaringoloska klinika Medicinskog fakulteta u Sarajevu  
(Sef. Prof. dr. Gerc) i Institut za patolosku anatomiju Medi-  
cinskog fakulteta u Sarajevu (Sef. Doc. dr. A. Nikulin).

HASANBEGOVIC, Eleneta; UGLJEN, Nenad

A case of suppurative meningoencephalitis tarda following fracture of the pyramid of the vestibule. Med. arh. 19 no.3: 51-55 My-Je '65.

1. Otorinolaringoloska klinika Medicinskog fakulteta u Sarajevu (Sef: Prof. dr. Josip Gerc).

UDOVICIC, B.; GACN, J.; HASANDEIC, H.

Infection of domestic animals with *Rickettsia burnetii* in  
Bosnia and Herzegovina. I. Reservoirs of *Rickettsia burnetii* in  
domestic animals. Higijena 16 no.138-27 '64

L 35971-66 EWT(1)/T IJP(c) AT

ACC NR: AP6016049

(A)

SOURCE CODE: UR/0185/66/011/005/0555/0557

AUTHOR: Hasanov, L. S. --Gasanov, L. S.

67  
B

ORG: Institute of Physics of Semiconductors, Siberian Branch, AN SSSR  
Novosibirsk (Instytut fizyky napivprovidnykiv SV AN SRSR)

TITLE: Surface properties of semiconductors with natural conductivity  
at thicknesses less than the Debye length of screening

SOURCE: Ukrayins'kyi fizychnyy zhurnal, v.11, no. 5, 1966, 555-557

TOPIC TAGS: electric field, semiconductor carrier, Debye length,  
elliptic integral, elliptic function, SEMICONDUCTOR CONDUCTIVITY

ABSTRACT: Previously obtained results of theoretical investigation of the surface properties of semiconductors with natural conductivity have been generalized for the case of a sample of finite thickness. The results of this work can be also used in the case of semiconductors with slightly ionized admixtures. The distributions of the potential, the electric field, and the local and excess concentrations of current carriers are expressed in Jacobi elliptic functions and elliptic integrals. For very small thicknesses, approximations of

Card 1/2

L 35971-66

ACC NR: AP6016049

precise formulas were obtained, and their relative errors were investigated. The author thanks the participants of the Seminar at the laboratory of melts of the Institute of Physics, Siberian Branch AN SSSR for discussions of the results. Orig. art. has: 1 figure and 7 formulas. [Based on author's abstract] [NT]

SUB CODE: 20/ SUBM DATE: 29Oct65/ ORIG REF: 003/ OTH REF: 003/

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Card 2/2



HASASIU, Ion, correspondent voluntar

Effective actions for reading popularization. Munca sindic 6 no.9:  
61-62 S '62.

CZECHOSLOVAKIA/Analytical Chemistry - Analysis of Inorganic Substances E-2

Abs Jour : Ref Zhur - Khimiya, No 4, 1958, No 11024

Author : Karel Hase.

Inst : Not Given

Title : Remarks to Determination of Magnesium Sulfate

Abs Jour : Farmacia (Ceskosl.), 1957, 26, No 3, 82-83

Abstract : The method of  $MgSO_4 \cdot 7H_2O$  determination described in the Czechoslovakian pharmacopoeia, edition II, gives too low results. After a comparison of methods printed in the Pharmacopoeias of USSR, edition VII, Poland, edition III, and USA, edition XIII, as well as of the method shown in the Czechoslovakian norms No. 685404, the author recommends to acidify the samples, to add Na orthophosphate or  $NH_4$  and  $NH_4Cl$  after it, and after bringing the mixture to boiling, to add  $NH_4OH$  drop by drop until the reaction is alkaline.

Card : 1/1

13

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910016-0

ROMANIA/Chemical Technology - Chemical Products and their

Application, Part 4. - Cellulose and Its Derivatives, Paper.

Abs Jour : Ref Zhur - Khimiya, No 14, 1958, 49030

Author : A. Haseganu

Inst : -

Title : Introduction of Continuous Grinding in Hollanders at "N. Balcescu" Cellulose-Paper Factory.

Orig Pub : Celuloza si hirtie, 1957, 6, No 11, 395-399

Abstract : The economical expedience of the continuous grinding in hollenders and the necessity to improve the installations for this purpose are emphasized.

Card 1/1

17

WASEK, J.

Use of an arsenic solution in the struggle against  
bark beetles in coniferous trees. p. 197.  
SBORNIK. RADA C: SPISY FAKULTY LESNICKE. Brno.  
No. 4, 1955.

SOURCE: EEAL - LC Vol. 5 No.10 Oct. 1956

CZECHOSLOVAKIA / General and Specialized Zoology.  
Insects.

P

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6836.

Author : Hasek, J.  
Inst : Advanced School of Agriculture and the Faculty  
of Forestry.  
Title : The Use of Arsenic Solution in the Control of  
Coniferous Bark Beetles.

Orig Pub: Sbor. Vysoke skoly zemed. a lesn. fak. Brne,  
1955, C, No 4, 197-206.

Abstract: The Highest Agricultural School in Brno (Czech-  
oslovakia) studied the use of chemical means of  
bark-scraping of standing pines (for the purpose  
of industrial use of the fiber) for the control  
of the bark beetles, which live in the bast and  
the upper wood layers. A mixture of sodium ar-

Card 1/3

CZECHOSLOVAKIA / General and Specialized Zoology.

P

APPROVED FOR RELEASE: 09/19/2001

CIA-RDP86-00513R000617910016-0

Abs Jour: Ref Zhur-Biol., No 2, 1958, 6836.

Abstract: senite (5 kg of arsenic and 1.25 kg of technical  
sodium hydroxide on 10 litres of water) was ap-  
plied to the trunks of live trees, which were  
marked later as capturing trees. The following  
insects were found on the poisoned trees with  
their bark loosened already: on spruce-Polygra-  
phus polygraphus, Pityogenes chalcographus, Pity-  
okteines curvidens, P. spinidens, Hylurgops pal-  
liatus, Trypodendron lineatum, Tetropium sp.; on  
fir - Cryphalus piceae, Trypodendron lineatum; on  
larch-Ips cembrae, P. spinidens, Tr. lineatum,  
Tetropium sp.; on pine-Myelophilus piniperda, Tr.  
lineatum. Most of the insects perished in the  
capturing trees, eating the poisoned fibers, ex-  
cept the larvae of Tetropium and others inhabiting

Card 2/3

HASEK, Jiri, inz.

Wheels and belts. Inz stavby ll no.3: Suppl: Mechanizace no.3:  
34-37 '63.

1. Clen ll. komise pro mechanizaci zemnich praqi Poradni sbor pro  
mechanizaci a automatizaci stavebnictvi, Praha.

HASEK, Jiri, inz. (Praha)

Nomenclature of building machinery. Inz stavby 12 no. 3:  
Supplement: Mechanizace no. 3:40 '64.

HASKE, Carl, rep.

Shovel frontal loaders at the 1964 Hanover Fair. Ina stavby  
no.11:Suppl:Mechanizace no.11:177-181 '64.

Country : CZECHOSLOVAKIA  
Category: Forestry. Forest Cultures.

K

Abs Jour: RZhBiol , No 12, 1958, No 53461

Author : Hasek, Josef

Inst : --

Title : Biological Protection of Young Cultures and  
Addition to Fencing

Orig Pub: Lesn. prace 1956, 35 No 9, 415-420

Abstract: This article emphasizes the unprofitableness and frequently insufficient effectiveness of fencing, in the absence of biological means of protecting the cultures. Introduction of deciduous trees and shrubs into coniferous cultures is considered one of the biological means of protection. The article points out the necessity of applying chemi-

Card : 1/2

K-25

Country : CZECHOSLOVAKIA  
Category: Forestry Forest Cultures.

K

Abs Jour: RZhBiol , No 12, 1958, No 53481

cal remedies (these are indicated) for healing the wounds inflicted by animals. -- K B Lisitskiy

Card : 2/2



HASEK, Karel

Extremes of the velocity and acceleration of the connecting rod of crank systems. Stroj cas 14 no.3:267-278 '63.

1. Katedra matematiky a deskriptivni geometrie, Fakulta elektrotechnika, Ceske byzoke uceni technicke, Praha.

HASEK, M.

Increase of vitality of ducks under the influence of heterophyletic albumin [with summary in German]. Chekh, biol. 1 no.2:140-143 '52.

1. Tsentral'nyy institut biologii, eksperimental'naya biologiya, Praha.

(Ducks) (Heterozygosis)

HASEK, M.

Variability of chickchromosomes and their relation to metabolism  
[with summary in German]. Chekh. biol. 1 no.2:144-151 '52.  
(MLRA 6:12)

1. Tsentral'nyy institut biologii, eksperimental'naya biologiya,  
Praha.

(Chromosomes)

HASEK, M.

Parabiosis in birds during embryonic development. Chekh.biol.2  
no.1:29-31 Ap '53. (MLRA 7:2)

1. Biologicheskiy institut ChSAN, eksperimental'naya biologiya.  
Praha. (Parabiosis) (Embryology--Birds)

VOJTISKOVA, M.; HASEK, M.

Complete replacement of the chick egg white by that of a duck as a method of vegetative hybridisation of animals. Chakh,biol. 2 no.4: 220-222 ag '53. (MLRA 7:4)

1. Institut biologii ChSAV, eksperimental'naya biologiya, Praga. (Hybridisation)

HASEK, M.

Vegetative hybridization of animals by means of junction of the  
blood circulation during embryonic development. Chokh biol 2  
no.5:267-282 0 '53. (REAL 3:7)

1. Institut biologii ChSAN, eksperimental'naya biologiya, Praga.  
(PARABIOSIS,  
\*hybridization of chickens by embryonic parabiosis)  
(HYBRIDITY,  
\*parabiosis of chick embryos)  
(FOWLS, DOMESTIC,  
\*hybridization by embryonic parabiosis)

HASEK, M.

Critical considerations on morganism in medical genetics. Cas. lek.  
cesk 92 no.49-50:1339-1346 4 Dec 1953. (CJML 25:5)

1. Department of Experimental Biology and Genetics of the Institute  
of Biology of Czechoslovak Academy of Sciences (Director--Academician  
I. Malek).

PASZE, H.

Characteristics of vegetative compatibility in the adaptation of vertebrates to the heterogenetic antigen. p. 327

CESKOSLOVENSKA BIOLOGIE. Vol. 3, No. 6, Nov. 1954

SO: Monthly List of East European Accessions, (REAL), LC, Vol. 4, No. 9, Sept. 1955  
Uncl.



HASEK, M.

Manifestations of vegetative relationship in adaptation of higher animals to heterogenous antigens. Chekh. biol. 3 no.6:344-351 Dec 54.

1. Institut niologii ChSAN, eksperimental'naya biologiya i genetika, Praga.

(ANTIGENS, AND ANTIBODIES,

heterogenous antigens, adaptation in parabiologic higher animals)

(PARABIOSIS,

adaptation to heterogenous antigens in higher animals)

HASEK, M.; HRABA, T.

The significance of phylogenetic kinship in immunological approximation during embryogenesis. *Fol.biol.*, Praha 1 no.1:1-10 2 Feb 55.

1. Biological Institute of the Czechoslovak Academy of Science,  
Department of Experimental Biology and Genetics, Praha

(EMBRYO,

phylogenetic kinship in immunol. approximation during  
embryogenesis in various domestic fowls)

(FOWL, DOMESTIC,

phylogenetic kinship immunol. approximation during  
embryogenesis in various fowls)

GASHEK, M.; LENGEROVA, A.; MATERNOVA, E.

Analysis of the role of blood cells in experimental investigations  
on failure of skin homotransplantation in warm-blooded animals.  
Fol.biol., Praha 1 no.5:319-320 Oct 55.

1. Biologicheskiy institut CHSAN, eksperimental'naya biologiya  
i genetika, Praga.

(SKIN TRANSPLANTATION, experimental,  
eff. of erythrocyte suspension in chick embryo on  
homografts)

(ERYTHROCYTES,  
eff. of erythrocytic suspension on skin homografts in  
chick embryo)

FRENZL, Bohdan; HASEK, Milan; HASKOVA, Vera; HRABA, Tomas

Immunologic considerations on embryonic parabionts of duck and chick. Cesk. biol. 4 no.1:1-6 Jan 55.

1. Biologicky ustav CSAV, experimentalni biologie a genetika  
a Biologicky ustav lekarske fakulty Karlovy university, Praha.

(PARABIOSIS,

immunol. aspects of embryonic parabionts of duck  
& chick)

(EMBRYO,

immunol. aspects of duck & chick parabionts)

(HEMAGGLUTINATION,

immunol. aspects of duck & chick embryonic  
parabionts)

CZECHOSLOVAKIA / General Biology. Individual Develop- B-4  
ment.

Abs Jour: Ref Zhur-Biol., No 10, 1958, 42820.

Author : Hasek, M., Hraba, T., Benesova, H., Hlavackova, H.  
\*Inst : ~~Not given~~.  
Title : Immunobiological Relationships of Partners in Embryonic Parabiosis Between Duck and Chick.

Orig Pub: Ceskosl. biol., 1955, 4, No 3, 135-137.

Abstract: No abstract.

\*Biologicky ustav CSAV, EXPERIMENTALNI BIOLOGIE A GENETIKA,  
PRAHA.

Card 1/1

HASEK, Milan; LENGEROVA, Alena; MATEHNOVA, Eva

Analysis of the role of blood cells in experimental overcoming of intolerance to cutaneous homografts in warm-blooded animals. Cesk. biol. 4 no.9:564-565 Oct 55.

1. Biologicky ustav CSAV, experimentalni biologie a genetika Praha.

(ERYTHROCYTES,  
in exper. skin transpl., role in overcoming of  
intolerance to homografts)  
(SKIN TRANSPLANTATION, experimental,  
erythrocytes in overcoming of intolerance to  
homografts)

HASEK, M. and others

Part played by cells in asastomosis. p. 627

Vol. 4, no. 10, Nov. 1955  
CESKOSLOVENSKA BIOLOGIE  
Praha, Czechoslovakia

So: Eastern European Accession Vol. 5, No. 4, 1956

HASEK, Milan.

Problems in vegetative hybridization and tissue transplantation in warm-blooded animals. Zhur. ob.biol. 16 no.5:405-412 S-0 '55.  
(MIRA 9:3)

1. Institut biologii Chekhoslovatskoy Akademii nauk, Otdeleniye eksperimental'noy biologii i genetiki, Praga.  
(PARABIOSIS) (TRANSPLANTATION(PHYSIOLOGY))



HASAK, M.

Differentiation and immunological compatibility. *Polish Biol.*  
(Praha) 11 no.1:11-16 '65

1. Institute of Experimental Biology and Genetics, Czechoslovak  
Academy of Sciences, Prague.

HASEK, Milan

Problem of overcoming the incompatibility of the tissues in  
homoplastic transplants. Ces. lek. cesk. 94 no.3:41-45 14 Jan 55

1. Biol. ustav SCAV (reditel akademik I.Malek) odd. exp. biologie  
a genetiky  
(TRANSPLANTATION  
homotranspl., tissue incompatibility overcoming, exper.)

*HAŠEK, M.*

EXCERPTA MEDICA Sec.4 Vol.10/2 Microbiology Feb 57

431. HAŠEK M., HRABA T. and ESSLOVÁ M. Inst. of Biol., Czechoslovak Acad. of Sci., Dept. of Exp. Biol. and Genetics, Prague. \*Suppression of the formation of immune agglutinins in chicks in which approximation was produced on the first day after hatching by means of injections of erythrocytes and leucocytes FOLIA BIOL. (Praha) 1956, 2/1 (54-60) Tables 3
- Leucocytes and erythrocytes of different rocks were injected into newly hatched chicks. In 8-18 weeks of post-embryonal life the cells of the same donors were injected into experimental animals and controls. In the blood taken 5-7 days after the last injection of antigen the titre of agglutinins was established by the dilution method. The titres in experimental animals are a little lower than in controls but tests of statistical significance were not performed.

Wagner - Prague

HASEK, M,

Effect of intra-embryonic injection of blood from another species  
in the formation of antibodies. II. Reaction in ducks, geese.,  
and guinea hens. p. 5.  
Vol. 5, no. 1, Jan 1956  
CESKOSLOVENSKA BIOLOGIE  
Czechoslovakia

SOURCE: EEAL, Vol 5, no. 7, July 1956

HASEK, M.

Inhibition of the formation of immune agglutinins in chicks injected  
for immunological adaptation with erythrocytes and leucocytes the  
first day after hatching. P. 9

Vol. 5, no. 1, Jan. 1956

ČESKOSLOVENSKÁ BIOLOGIE

Czechoslovakia

Source: EAST EUROPEAN ACCESSIONS LIST Vol. 5, No. 7, July 1956

HASEK, M.

Skin homotransplantation in day-old chicks, ducks, and turkeys. P. 69.

ČESKOSLOVENSKÁ BIOLOGIE Vol. 5, no. 2, Mar. 1956

Czechoslovakia

Source: EAST EUROPEAN ACCESSIONS LIST Vol. 5, no. 7 July 1956

HASEK, Milan

Problems of immunological tolerance. Cas. lek. cesk. 95 no.19:  
505-509 11 May 56.

1. Biologicky ustav CSAV (reditel akad. I. Malek). odd. exp.  
biologie a genetiky.

(IMMUNITY,  
immunol. tolerance, exper., (Cz))

E-CERPTA MEDICA Sec 16 Vol 7/5 Cancer May 59

1574. **The significance of individual antigenic specificity in homografting**  
K významu individuální antigenní specificity při homotransplantaci. HAŠEK M. and  
HAŠKOVÁ V. Biol. Úst. ČSAV, Odd. Exp. Biol. a Genet., Praha *Čsl. Biol.* 1959, 7:4  
(282-283) Tables 1, Illus. 1

Peking ducks were used, as the period these animals require to obtain tolerance is approximately one week. Homografts made before the 5th day after hatching had a long survival in 100%, those made on the 7th day, in about 50%, while skin grafts made on the 10th day and later did not survive for more than 25 days. Cells from the bone marrow or spleen, obtained from 1, 20 or 60 donors, were injected into newborn ducks by the i.v. and i.p. routes, resp. Ducklings tolerated the injection of a large quantity of cells from newborn donors well and none died, but 20% of the animals receiving cells from adult donors died within 15 days. Test skin-grafting was made 21 days after hatching or later, when under normal conditions skin grafts never survive permanently. Skin for grafting from the original donors was kept in a glycerine medium, in contact with CO<sub>2</sub>. In animals tolerant to a given donor, all homografts from other donors were destroyed within 30 days. When a mixture of cells from 20 donors was injected, 50% of the homografts from other donors selected by chance survived for more than 30 days, and 10% for more than 80 days. When cells from 60 donors were injected into newborn ducks, 7 out of 12 skin grafts from the original donors and 6 out of 10 grafts from other donors selected by chance survived for more than 80 days. This finding supports the hypothesis that individual specificity is the result of the combination of a limited number of transplantation antigens.



HALEK, M

"A third conference on homotransplantation in New York."

CESKOSLOVENSKA BIOLOGIE, Praha, Czechoslovakia, Vol. 7, no. 6, Nov. 1958

Monthly list of East Europe Accessions (EEAI), LC, Vol. 3, No. 6, Sept 59  
Unclass

HASEK, M.

Problems of tissue incompatibility and tolerance acquired from foreign tissues. p. 27.

A MAGYAR TUDOMANYOS AKADEMIA V. OXZTALAY BIOLOGIAI CSOPORTJANAK KOSIEMENEI.  
Budapest, Hungary. Vol. 3, no. 1, 1959

Monthly List of East European Accessions (EEAI). LC. vol. 0, no. 1, Jan 1960

Uncl.

GASHEK, Milan [Hasek, M.] (Praga)

Modification of the immunological reaction in embryos and newborn  
animals. Usp.sovr.biol. 48 no.1:88-110 J1-Ag '59. (MIRA 12:12)

(IMMUNITY)

(EMBRYO)

(INFANT, NEWBORN)

GASHEK, Milan [Hasek, M.] (Praga)

Problems of immunological tolerance in homotransplantation.  
Pat. fizioł. i eskp. terap. 4 no. 6:3-15 N-D '60. (MIRA 14:2)  
(TRANSPLEANATION OF ORGANS, TISSUES, ETC.)

HASEK, M.; KOLDOVSKY, P.; SVOBODA, J.

Immunity and acquired tolerance in experimental tumors. Neoplasma  
Bratisl. 7 no.1 suppl:47-49 '60.

(NEOPLASMS immunol)

HORT, J.; HASEK, M.; KNIZETOVA, Feldzzeritta

Further immunological analysis of chicken embryonic parabionts.  
Folia biol. 7 no.5:301-308 '61.

1. Institute of Biology, Czechoslovak Academy of Sciences, Department  
of Experimental Biology and Genetics, Prague.  
(PARABIOSIS) (IMMUNITY) (ANTIGEN ANTIBODY REACTIONS)

S/169/62/000/002/046/072  
D228/D301

AUTHOR: Hašek, M.

TITLE: Radioactive substances in the atmosphere from the viewpoint of biometeorology

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 2, 1962, 60, abstract 2B450 (Fysiatr. vešt. 39, no. 5, 1961, 273-281)

TEXT: The question of the sources of natural and artificial atmospheric radioactivity is considered. The results are described for radioactivity measurements and observations on the influence of meteorologic conditions on the propagation of radioactive substances in the atmosphere. The questions of the circulation of radioactive substances in the atmosphere and their reaction with the soil are discussed. /-Abstracter's note: Complete translation./

Card 1/1

GASHEK, M. [Hasek, M.] (Praga)

Phenomena of immunological rapprochement and immunological tolerance  
in the light of modern theories of immunity. Usp. sovr. biol. 51  
no. 2:153-169 Mr-Apr '61. (MIRA 14:4)

(IMMUNOLOGY)



HASEK, M.

Immunology of tissue transplantation. Vestnik CSAV 70 no.1:74 '61.

1. Oddeleni experimentální biologie a genetiky, Biologický ústav,  
Československá akademie věd.

HASEK, M.; PUZA, A.

On the induction of immunological tolerance in adult recipients.  
Folia biol. no.1:55-57 '62.

1. Institute of Experimental Biology and Genetics, Czechoslovak  
Academy of Sciences, Prague, and Research Laboratory, Surgical  
Clinic, Medical Faculty, Comenius University, Kosice.  
(BLOOD TRANSFUSION immunol.)

HASEK, M.

Abolition of tolerance of skin heterografts by means of serum antibodies. Folia biol. no.1:57-59 '62.

1. Institute of Experimental Biology and Genetics, Czechoslovak Academy of Sciences, Prague.  
(SKIN TRANSPLANTATION experimental) (IMMUNE SERUMS)

HASEK, M.

Quantitative aspects of immunological tolerance. Folia Biol. 8  
no.2:73-83 '62.

1. Institute of Experimental Biology and Genetics, Czechoslovak Academy  
of Sciences, Prague.  
(IMMUNITY) (TRANSPLANTATION exper)

HASEK, Milan, doc., dr.

Long-term-tasks of the basic biological research. Vestnik CSAV 71  
no.4:430-432 '62.

HASEK, M.; HORT, J.; LENGEROVA, Alena; VOJTISKOVA, Marta

Immunological tolerance in the heterologous system. Folia biol. 9  
no.1:1-19 '63.

1. Institute of Experimental Biology and Genetics, Czechoslovak  
Academy of Sciences, Prague.

(PARABIOSIS) (IMMUNITY) (ANTIGENS) (ERYTHROCYTES)  
(TRANSPLANTATION) (SKIN TRANSPLANTATION) (BLOOD TRANSFUSION)  
(BLOOD GROUPS) (HYBRIDIZATION)

L 17979-66 T JK  
ACC NR: AP0009979

SOURCE CODE: CZ/0002/65/000/004/0532/0535

AUTHOR: Hasek, Milan (Corresponding member CSAV)

ORG: none

TITLE: Problems of genetics and breeding in Czechoslovakia

SOURCE: Ceskoslovenska akademie ved. Vestnik, no. 4, 1965, 532-535

TOPIC TAGS: plant genetics, animal genetics

ABSTRACT: Two principal obstacles in Czechoslovakia are pointed out to the wide-scale practical application of genetics in plant breeding and livestock breeding. 1) Breeders trained at the time of the ideological controversy over genetics, prior to the 20th Congress of the Soviet CP, have an erroneous and incomplete knowledge of the principles of genetics. 2) Short-sighted economic considerations, with emphasis on immediate gains, have been guiding the work of plant and livestock breeding. While Holland has 194 researchers and 38 institutes and laboratories engaged in genetics research, Czechoslovakia has only 60 to 70 researchers and 13 work stations. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Cord 1/10

2

HASEK, M.

Practical use of the results of the theory of atmospheric diffusion for solving sanitary problems. p. 511.

CESKOSLOVENSKA HYGIENA. Praha, Czechoslovakia. Vol. 4, no. 9, Oct. 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.



HASEK, Milan

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Source: Czechoslovak Hygiene, Vol V, No 2-3, Prague, Mar 60, p 126.

Data:

MCRY, Zdenek

Affiliation: Institute of Hygiene, Prague.

Data: Co-author of "Statistical Evaluation of Meteorological Influences on the Contamination of the Atmosphere,"

Source, p 123.

VBK, Zdenek

Affiliation: Institute of Hygiene, Prague.

Data: Co-author of "Statistical Evaluation of Meteorological Influences on the Contamination of the Atmosphere,"

Source, p 126.

HASEK, Milan

Affiliation: Institute of Hygiene, Prague.

Data: Co-author of "Statistical Evaluation of Meteorological Influences on the Contamination of the Atmosphere,"

Source, p 126.

43384

Z/038/62/000/011/001/001  
D267/D308

21.7200

AUTHOR:

Hašek, Milan

TITLE:

Determination of atmospheric radioactivity in the neighborhood of nuclear reactors on the basis of measurements of the parameters of turbulent diffusion

PERIODICAL:

Jaderná Energie, no. 11, 1962, 382-388

TEXT:

In view of the importance of preventing the accumulation of radioactive waste scattered in the atmosphere, the author first restates the problem of the effect of the ground relief on the scattering of emanations from nuclear reactors. When describing the method of evaluating the maximum concentrations of contaminating substances on the basis of the turbulence phenomena, developed by O.G. Sutton (Atmospheric turbulence, London, 1949), the author introduces some modifications and develops a new relationship between the temperature gradient and the meteorological exponent. In view of the highly complex nature of calculations and since the final

Card 1/2

Determination of atmospheric ...

Z/038/62/000/011/001/001  
D267/D308

result depends on the knowledge of a number of meteorological and other data, the author stresses the need for using some mean values of the turbulence parameters. He then discusses other methods which were used in the meteorological control of the Brookhaven reactor. These methods were checked in Czechoslovakia in the neighborhood of conventional (coal-fired) power stations and yielded values of the same order of magnitude for maximum concentration heights. There are 4 tables.

ASSOCIATION: Ústav hygieny, Praha (Institute of Hygiene, Prague)

Card 2/2

HASEK, Milan, promovany fyzik

Analysis of the dynamics of snake exhalations into the air  
and application of its results to forest protection. Les cas  
9 no.3:215-230 Mr '63.

1. Ustav hygieny, Praha.

HASEK, Milan

New methods of measurement and calculation of the spread of industrial gases and large molecule aerosols in the atmosphere.  
Cesk. hyg. 7 no.1:35-45 F '62.

1. Ustav hygieny, Praha.  
(AIR POLLUTION)

HASEK, Milan, promovany fyzik

Practical calculation of flue-dust fallout. Energetika Cx 14  
no.62265-267 Je '64

1. Institute of Hygiene, Prague.

HASEK, Milan, promovany fyzik

Some principles of thermal and nuclear power plant construction for  
ensuring the purity of air. Energetika Cz 13 no.4:177-180 Ap '63.

1. Ustav hygieny, Praha.

HASEK, Milan

The diffusion of smoke gases from factory chimneys and its meteorological conditions. Studia geophys 8 no.1:82-96 '64.

1. Institute of Hygiene, Praha 10 - Vinohrady, Srobarova 48.



BLATTNY, Ctibor, akademik; HASEK, Milan, doc. dr.; LENGEROVA, Alena,  
dr.; SVOBODA, Jan, dr.

Problems of Michurin's biology. Vest ust zemedel ll no. 5:  
200-203 '64.

1. Corresponding member of the Czechoslovak Academy of  
Sciences (for Hasek).

HASEK, Otakar, prof., inz., dr.

On the occasion of the 20th anniversary of the death of professor  
Viktor Felber. Stroj cas 13 no.5:393-394 '62.

ZIKMUND, V.; BURIAN, V.; ZIKMUNDOVA, V.; MARBCEK, J.; HASEK, V.

Extended epidemic of salmonellosis caused by *Salmonella typhi* murium in a regional town. Cesk. epidem. mikrob. imun. 8 no.4: 267-272 July 59

1. Krajska hyg. stanice v Liberci.--Mestska hyg. epid. stanice v Liberci -- Infekcni odd. KUNZ v Liberci.  
(SALMONELLA INFECTIONS, epidemiol.)

HASEK, VLADIMIR.

Tabulky z mechanicke technologie. [Vyd. 1.] Praha, Statni pedagogicke nakl., 1953  
(Ucebni texty vysokych skol) [Diagrams for mechanical engineering. Chiefly illus.]

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, LC., VOL. 3, NO. 1, Jan. 1954, Uncl.